

ABSTRACT OF THE DISCLOSURE

5 Gas Turbomachinery Generator

Gas turbomachinery electricity generation apparatus includes a gas turbomachinery arrangement having an associated rotary drive take-off, an electricity generating
10 arrangement which includes a first generator stage including a first generator rotor and generator stator arrangement; a second generator stage including a second generator rotor and generator stator arrangement, at least
15 one of the first and second generator stage rotors is driven by the rotary drive take-off.